CLAIMS

1. A recording method for instructing a drive apparatus having a pseudo-overwrite function to write data on a write-once disc,

the recording method comprising the steps of:

(a) receiving a write request which specifies at least data for a file to be written;

(b) instructing the drive apparatus to read metadata for managing the file from a location in the write-once disc, so as to obtain the metadata;

(c) querying a next writable address indicating a location at which data is to be written next to the drive apparatus, so as to obtain the next writable address;

(d) updating the metadata to reflect the writing of the data specified by the write request;

(e) instructing the drive apparatus to write the data specified by the write request to a location indicated by the next writable address in the write-once disc; and

(f) instructing the drive apparatus to write at least a part of the updated metadata to the location from which the metadata is read in the step (b) in the write-once disc.

2. A recording method according to claim 1, wherein the steps (e) and (f) are performed using the same write instruction.

3. A recording method according to claim 1, wherein the step (f) is performed after the step (e) is performed.

4. A recording method according to claim 1, wherein the updated metadata includes a file entry of a directory under which the file is recorded.

5. A recording method according to claim 1, wherein the updated metadata includes a file entry of the file.

6. A system controller for instructing a drive apparatus having a pseudo-overwrite function to write data on a write-once disc,

the system controller comprising a controller for controlling the drive apparatus,

wherein the controller is configured to perform a process including the steps of:

(a) receiving a write request which specifies at least data for a file to be written;

(b) instructing the drive apparatus to read metadata for managing the file from a location in the write-once disc, so as to obtain the metadata;

(c) querying a next writable address indicating a location at which data is to be written next to the drive apparatus, so as to obtain the next writable address;

(d) updating the metadata to reflect the writing of the data specified by the write request;

(e) instructing the drive apparatus to write the data specified by the write request to a location indicated by the next writable address in the write-once disc; and

(f) instructing the drive apparatus to write at least a part of the updated metadata to the location from which the metadata is read in the step (b) in the write-once disc.

7. A system controller according to claim 6, wherein the controller includes a semiconductor integrated circuit.

8. A program for use in a system controller for instructing a drive apparatus having a pseudo-overwrite function to write data on a write-once disc,

wherein the program is configured to perform a process including the steps of:

(a) receiving a write request which specifies at least data for a file to be written;

(b) instructing the drive apparatus to read metadata for managing the file from a location in the write-once disc, so as to obtain the metadata;

(c) querying a next writable address indicating a location at which data is to be written next to the drive apparatus, so as to obtain the next writable address;

(d) updating the metadata to reflect the writing of the data specified by the write request;

(e) instructing the drive apparatus to write the data specified by the write request to a location indicated by the next writable address in the write-once disc; and

(f) instructing the drive apparatus to write at least a part of the updated metadata to the location from which the metadata is read in the step (b) in the write-once disc.